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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/599,147	09/21/2006	Heribert Baldus	PHUS040172US3	1851
38107 7590 12/06/2010 PHILIPS INTELLECTUAL PROPERTY & STANDARDS P. O. Box 3001 BRIARCLIFF MANOR, NY 10510			EXAMINER PEACHES, RANDY	
			ART UNIT 2617	PAPER NUMBER
			MAIL DATE 12/06/2010	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/599,147	Applicant(s) BALDUS ET AL.	
	Examiner RANDY PEACHES	Art Unit 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 September 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 and 15-20 is/are rejected.
- 7) ☒ Claim(s) 13, 14 and 21 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 September 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>11/17/2010</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. ***Claims 1-12 and 15-20*** are rejected under 35 U.S.C. 102(b) as being anticipated by Beigel et al. (U.S. Patent Publication Number 2003/0174049 A1).

Regarding ***claims 1*** and 15, Beigel et al. discloses an identification client (100), hereinafter referenced as client, which reads on claim “local wireless device,” communicating with a Bluetooth local network (ABSTRACT separate from a medical facility network whereby a tracking method comprises:

- detecting the said client, which is not connected with the medical facility network (10), based on said Bluetooth communication between the local wireless device and at least one nearby master node, which reads on claim “network device,” that is connected with the medical facility network. See paragraph [0039]; and
- estimating a location of the local wireless device within the medical facility based on the local wireless communication and information indicative of a location of the at least one nearby network device. See paragraphs [0038 and 0039].

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Regarding **claims 2 and 16**, according to **claims 1 and 15**, Beigel continues to disclose:

- determining locations of a plurality of master nodes that are connected with the medical facility network, the plurality of master nodes including the at least one nearby network master node. See paragraph [0039].

Regarding **claims 3 and 17**, according to **claims 2 and 16**, Beigel continues to disclose wherein at least some of the plurality of master nodes are wireless network devices wirelessly connected with the medical facility network (10), and

- .the determining includes: estimating locations of the wireless network devices based on wireless network connections (36) between the network devices and the medical facility network. See paragraph [0039, whereby the master nodes can detect the range of the said client (100).

Regarding **claim 4**, according to **claim 3**, Beigel continues to disclose wherein the wireless network connection (36) comports with an IEEE 802.11 based wireless protocol. See paragraphs [0006 and 0023].

Regarding **claims 5 and 19**, according to **claims 3 and 18**, Beigel continues to disclose wherein the local wireless communication between the said master node and the at least one nearby master node employs at least one of: (i) an IEEE 802.15.1 wireless protocol; and (ii) an 802.15.4 wireless protocol. See paragraph [0022].

Regarding **claim 6**, according to **claim 1**, Beigel continues to disclose wherein prior to the detecting, the said client (100) and the said master node establish a local wireless communication connection (55, 58) there between, and the estimating includes:

- estimating the location of the local wireless device (50, 52) as substantially coinciding with the location of the nearby network device (12, 14). See paragraph [0039].

Regarding **claim 7**, according to **claim 1**, Beigel continues to disclose wherein the estimating includes: estimating a distance between the client and the at least one nearby master node based on a strength (Beigel teaches of the range of the signal from the said master node) of a wireless signal employed in the said client. See paragraph [0039].

Regarding **claim 8**, according to **claim 1**, Beigel continues to disclose wherein the at least one master node includes a plurality of master nodes [0039] that detect the local wireless device (51), and the estimating includes: estimating a distance between the said client and each said master nodes based on the local wireless communication. See paragraph [0039]; and estimating a location of the local wireless device (51) based on the estimated distances and the locations of the nearby network devices (14, 16). See paragraph [0039].

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Regarding **claim 9**, according to **claim 1**, Beigel continues to disclose wherein the estimating includes: estimating a distance between the local wireless device (50, 51, 52) and the at least one nearby network device (12, 14, 16) based on a maximum communication distance of the local wireless communication (54, 55, 56, 58). See paragraph [0039].

Regarding **claim 10**, according to **claim 1**, Beigel continues to disclose wherein the estimating includes: estimating the location of the client as being within a room of the medical facility containing the nearby said master node. See paragraph [00360039].

Regarding **claim 11**, according to **claim 1**, Beigel continues to disclose wherein repeating the detecting; during a subsequent detecting, identifying a change in said client between the said master node and the at least one nearby said master node. See paragraph [0039]; and updating the location of said client within the medical facility based on the change. See paragraph [0039].

Regarding **claim 12**, according to **claim 11**, Beigel continues to disclose wherein the change includes one of: loss of local wireless communication between the local wireless device (50, 51, 52) and at least one nearby network device (12, 14, 16) during the subsequent detecting, and pickup of a new local wireless communication between the local wireless device (50, 51, 52) and a network device (18) other than the at least one nearby network device (12, 14, 16) of the initial detecting. See paragraph [0039].

Regarding **claim 18**, according to **claim 15**, Beigel continues to disclose wherein local wireless communication hardware installed in or integrated with the client and employing a selected non-network local wireless communication protocol, i.e Bluetooth. See paragraph [0022]; and local non-network wireless communication hardware (66, 68) installed in or integrated with the at least one said client and employing the selected non-network local wireless communication protocol. See paragraph [0022].

Regarding **claim 20**, according to **claim 18**, Beigel continues to disclose wherein client software (70) installed on the at least one nearby master nodes that causes the at least one nearby network device to scan for other devices in range that are capable communicating using the selected non-network local communication protocol. See paragraph [0039].

Allowable Subject Matter

2. **Claims 13-14 and 21** are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RANDY PEACHES whose telephone number is (571) 272-7914. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Charles Appiah can be reached on (571) 272-7904. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Randy Peaches/
Examiner, Art Unit 2617

/Charles N. Appiah/
Supervisory Patent Examiner, Art Unit 2617